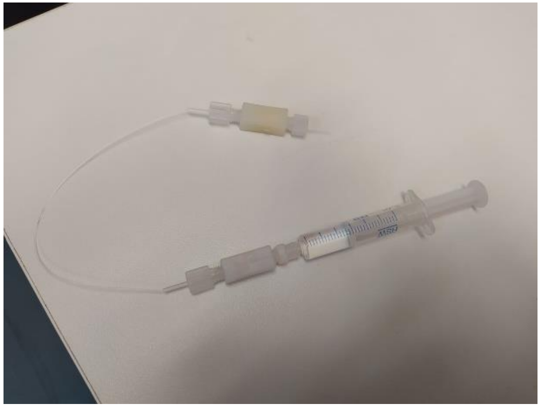
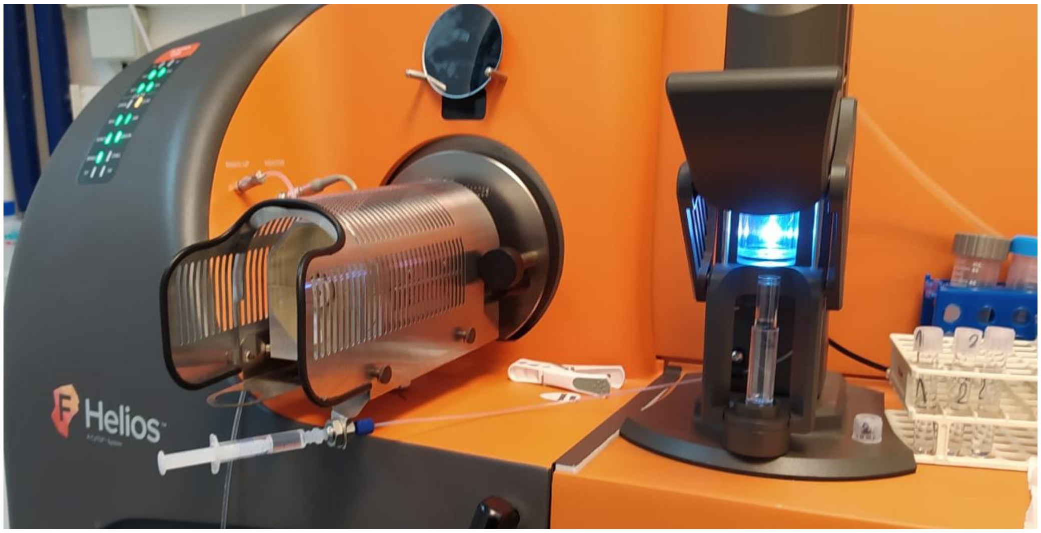
HOW TO OPEN A BLOCKAGE

To recognize a blockage look at the speed, the pressure and the events.
If the events are lower than before and the pressure is higher (about 13-14) please stop the run and follow the directions.

1. Remove the small capillary from the machine. Assemble the syringe with the water (the one that says IN) onto the capillary and pass water through the capillary as shown. Notice the drops coming out.



2. Connect the syringe with water as shown. Open the sample chamber. Replace the sample to a “water” tube. Press gently to pass water. Notice the water drops fall into the tube. Observe if the drops coming out contains debris.



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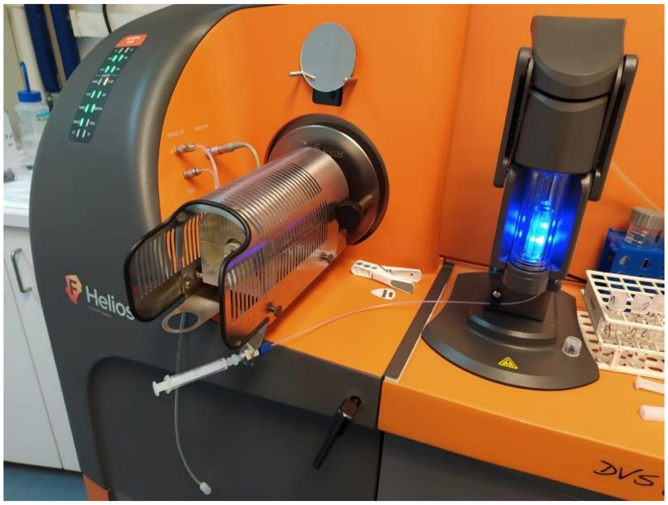
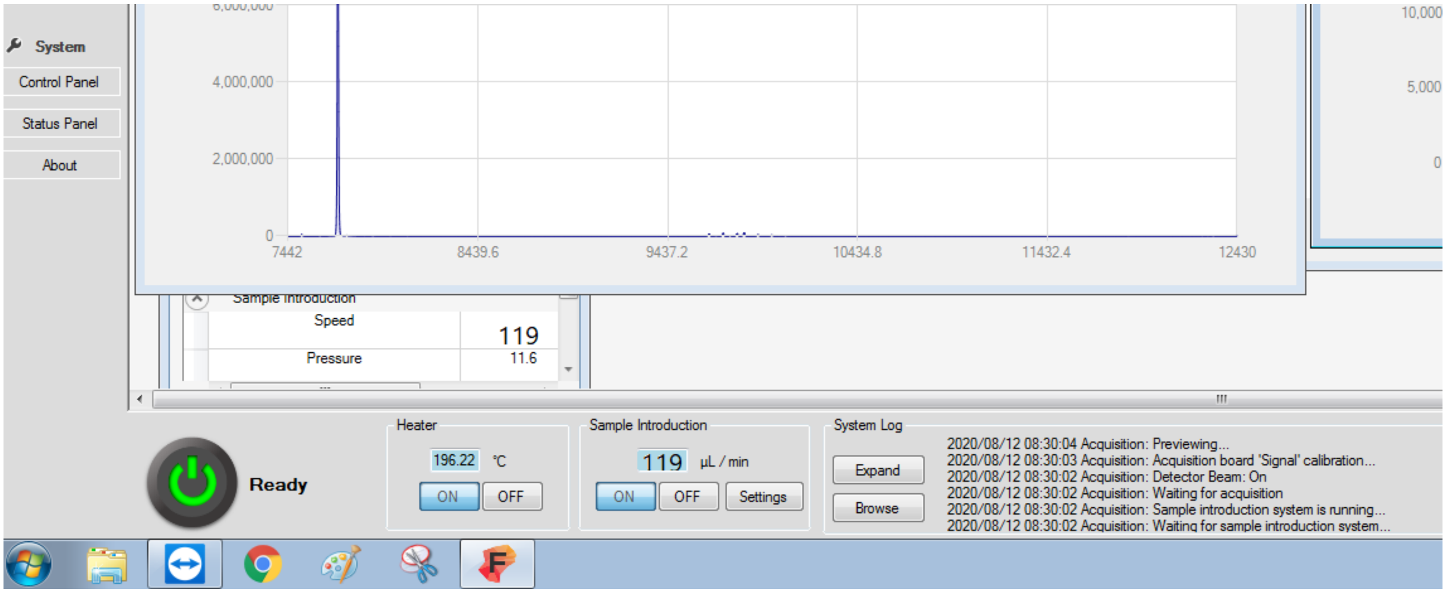
3. Replace the water tube with a tube containing clean water. Connect the empty syringe and pull out gently as shown. Hold the syringe and look at the speed displayed.



4. The speed has to be 119 while pulling water out.



Speed 119
Pressure 11.6

Ready

Heater: 196.22 °C

Sample Introduction: 119 µL / min

System Log

```
2020/08/12 08:30:04 Acquisition: Previewing...
2020/08/12 08:30:03 Acquisition: Acquisition board 'Signal' calibration...
2020/08/12 08:30:02 Acquisition: Detector Beam: On
2020/08/12 08:30:02 Acquisition: Waiting for acquisition
2020/08/12 08:30:02 Acquisition: Sample introduction system is running...
2020/08/12 08:30:02 Acquisition: Waiting for sample introduction system...
```

After following these steps, the problem should be resolved. If not, try again all of the steps above.

5. After the blockage is released, run water for 3 min.
6. Change to wash tube for 2 min.
7. Change to water again and let it run for 1 min. Press preview to see the events =0 and water runs smoothly.
8. Place your sample back and run it.

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